

Message Text

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ACTION EUR-12

INFO OCT-01 ISO-00 CIAE-00 PM-04 INR-07 L-03 ACDA-10

NSAE-00 PA-02 SS-15 PRS-01 SP-02 USIA-15 TRSE-00

SAJ-01 EB-07 COME-00 DODE-00 NSC-05 /085 W

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R 151608Z SEP 76

FM AMEMBASSY LONDON

TO SECSTATE WASHDC 5503

INFO USMISSION NATO BRUSSELS

UNCLAS SECTION 01 OF 02 LONDON 14571

E.O. 11652: N/A

TAGS: BEXP, UK

SUBJECT: NATO INFRASTRUCTURE PROJECT: ICB NOTICE:

AIRCRAFT SHELTERS

1. EMBASSY HAS RECEIVED ICB NOTICE PERTAINING TO AIR-
CRAFT SHELTERS AT RAF UPPER HEYFORD, OXFORDSHIRE, U.K.

2. 20 AIRCRAFT SHELTERS ARE TO BE CONSTRUCTED AT RAF
UPPER HEYFORD USING USAF SUPPLIED DOUBLE CORRUGATED STEEL
PANELS. SHELTERS WILL BE APPROX. ELLIPTICAL IN SHAPE OF
WHICH LEADING INTERNAL DIMENSIONS ARE AS FOLLOWS:
HEIGHT AT CENTER 8.36 METERS APPROX.
WIDTH AT FLOOR LEVEL 21.50 " "
LENGTH 36.40 " "

THIRD GENERATION SHELTERS ARE COMPOSED OF ARCHES, FORMED
FROM SECOND GENERATION PANELS SUPPLIED, BOLTED TOGETHER,
SUPPORTED ON REINFORCED CONCRETE GROUND BEAMS AND COVER-
ED WITH MINIMUM OF 450MM THICKNESS OF CONCRETE. IN
ADDITION A REINFORCED CONCRETE REAR WALL TO SHELTERS IS
TO BE CONSTRUCTED INCLUDING A CLOSEABLE OPENING AND
ASSOCIATED CONCRETE DEFLECTOR STRUCTURE FOR AIRCRAFT JET
EXHAUST. STEEL FACED CONCRETE DOORS ARE SUPPORTED BY A
LATTICE STEEL FRAME RUNNING ON DUAL TRACKS IN REINFORCED
CONCRETE GROUND SLAB.

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3. MAIN CONTRACTOR IS TO EXCAVATE EACH SITE TO ACCURATE LEVELS, PREPARE CONCRETE FOUNDATIONS TO EXACT DIMENSIONS, INSTALL SHELTER FLOORS AND ASSOCIATED ADJOINING AIRCRAFT APRON HARDSTAND AREAS IN AIRFIELD PAVEMENT QUALITY CONCRETE AND TO SUPPLY/INSTALL ALL ASSOCIATED DRAINAGE WORKS THE CONTRACT WILL ALSO INCLUDE FOR RECEIVING, ASSEMBLING AND ERECTING PARTS FOR STEEL SHELTERS ON SELECTED SITES AT RAF UPPER HEYFORD TO STRICTLY CONTROLLED PHASED PROGRAM, INCLUDING CONSTRUCTION OF CONCRETE COVERING, REAR WALLS AND DOORS. ELECTRICAL INSTALLATION WORKS (LIGHTING AND POWER), VENTILATION. AIRCRAFT WINCHES AND DOOR GEAR ARE INCLUDED IN SCOPE OF WORK AS NOMINATED SUB CONTRACTS.

4. NOMINATED SUB-CONTRACTS WILL BE LET FOR FOLLOWING TYPES OF WORK:

A. ELECTRICAL INSTALLATION AND MAINS DISTRIBUTION WORK WITH ELECTRICAL INSTALLATION WORK COMPRISING A CONDUIT SYSTEM TO MBFU LIGHTING, SOCKET OUTLETS, FLOODLIGHTING, LIGHTNING PROTECTION AND EARTHING, SERVICES TO DOOR DRIVE UNITS, VENTILATION SYSTEMS AND WINCHES. EMD WORK WILL ENTAIL LAYING UNDERGROUND CABLES FROM LOCAL DISTRIBUTION SUBSTATION TO EACH SHELTER MAIN SWITCHGEAR PANELS. ORDER OF COST FOR EI AND EMD 140,000 POUNDS.

B. SUPPLY INSTALLATION AND COMMISSIONING OF MECHANICAL EXTRACT VENTILATION SYSTEMS UTILISING LOW LEVEL MOUNTED GALVANISED DUCT WORK WITH AXIAL FLOW FANS. PROTOTYPE SYSTEM TO BE TESTED AND ACCEPTED PRIOR TO PRODUCTION OF REMAINING SYSTEMS. ORDER OF COST 50,000 POUNDS.

C. SUPPLY, INSTALLATION AND COMMISSIONING OF ELECTRIC POWER WINCHES OF TRACTIVE FORCE 2,000 KG (F) MINIMUM,

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R 151608Z SEP 76
FM AMEMBASSY LONDON
TO SECSTATE WASHDC 5504
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TWO SPEED 20M/MIN AND 40M/MIN WITH AUTOMATIC SPEED
CHANGING COMPLETE WITH FLAMEPROOF ELECTRIC MOTORS AND
CONTROLS, PULLEYS, ROPES, BLOCKS AND HOOKS. PROTOTYPE
TESTING REQUIRED ON FIRST INSTALLATION PRIOR TO PRODUCT-
ION OF REMAINING WINCHES. ORDER OF COST 110,000 POUNDS.

5. IT IS PROPOSED TO INVITE TENDERS BY NOV. 1976 WITH
WORK START ON SITE IN APRIL 1977. ORDER OF COST OF WORKS
EXCLUDING COSTS IN PARA 4A., B., C., IS 5.3 MILLION
POUNDS.

6. PROJECT MANAGER IS MR. W.K. BRISTOW, PROPERTY SER-
VICES AGENCY, DEPARTMENT OF THE ENVIRONMENT, 88 BLENHEIM
CRESCENT, RUISLIP, MIDDX. HA4 7EG, ENGLAND. INTERESTED
TENDERERS SHOULD INDICATE WHETHER THEY WISH TO BE INVITED
FOR: A. ALL THE WORK; B. ALL THE WORK EXCLUDING STRUCTUR-
AL STEELWORK; C. THE STRUCTURAL STEELWORK ONLY. IT IS
INTENDED THAT MAIN CONTRACTOR WILL BE RESPONSIBLE FOR
EXECUTION OF ALL THE WORK, INCLUDING STEELWORK, MECHANIC-
AL AND ELECTRICAL WORK. FIRMS ELIGIBLE AND WISHING TO BE
INVITED TO TENDER SHOULD REPLY (QUOTING THIS CABLE NO.)
WITHIN ONE MONTH TO OFFICE OF COMMERCIAL AFFAIRS AT THIS
EMBASSY.

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